

ABSTRACT OF THE DISCLOSURE

The push-on latching function of a male BNC latch carried in a housing, and the positive locking of fully mated male and female connectors, are performed by three parts: The first is a male double shell assembly having two male sleeves that receive an intervening BNC female shell. An outer portion near the middle of the male double shell carries several turns of an exterior left-hand thread. The second is a spring biased self-latching BNC latch having an interior bore by which it snugly engages, and then rotates upon, the exterior of the male double shell. One end of the BNC latch has ramps and detents for engaging the bayonet pins of a female BNC connector, and the other end has a section of exterior right-hand threads proximate the exterior left-hand threads of the male double shell. The third is a barrel that has a bore therethrough with both left and right hand internal threads that engage the exterior threads of the BNC latch and the male double shell. Rotation of the barrel in one direction causes the BNC latch to move toward the male double shell, and pulls the male assembly toward the female connector for full and locked mating.